

Converting Colors

XYZ(54.3490, 55.6361, 39.1951)

Have a look what the booklet for
XYZ(54.3490, 55.6361, 39.1951)
contains.

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Color

**XYZ(54.2841, 55.6003,
39.3233)**

Conversions

Conversions Part 1

Format	Color
Hex	DBC19C
RGB	219, 193, 156
RGB Percent	86%, 76%, 61%
CMY	0.1412, 0.2431, 0.3882
CMYK	0.00, 0.12, 0.29, 0.14
HSL	35°, 47%, 74%
HSV	35°, 29%, 86%
XYZ	54.2841, 55.6003, 39.3233
YIQ	196.5560, 27.3730, -5.9950

Conversions

Conversions Part 2

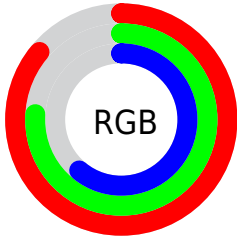
Format	Color
RYB	200, 219, 156
Decimal	14401948
CIELab	79.39, 3.70, 22.03
CIELCh	79, 22.339, 80.479
Yxy	55.6003, 0.3638, 0.3726
Android (android.graphics.Color)	4292592028 (0xFFDBC19C)
YUV	196.5560, -19.9941, 19.6834
Hunter-Lab	74.5656, -0.5410, 20.9284

Details

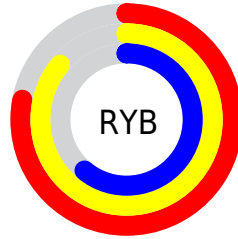
The XYZ color **54.2841, 55.6003, 39.3233** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.2240, 45.6369, 73.5486**, and the grayscale version is **52.9096, 55.6650, 60.6191**.

A 20% lighter version of the original color is **86.8736, 93.7145, 75.1380**, and **27.0321, 27.5626, 17.2600** is the 20% darker color. If you saturate the color by 10%, you get **50.6577, 51.0523, 29.7755**, and if you desaturate by 10%, it is **58.3698, 60.5313, 50.6750**.

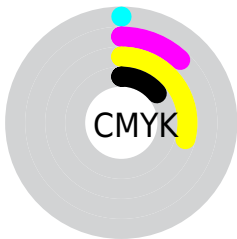
Distribution



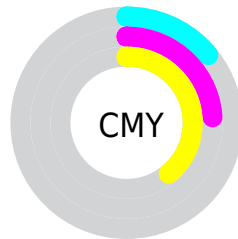
- Red (86%)
- Green (76%)
- Blue (61%)



- Red (78%)
- Yellow (86%)
- Blue (61%)



- Cyan (0%)
- Magenta (12%)
- Yellow (29%)
- Black (14%)




- Cyan (14%)
- Magenta (24%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.2841, 55.6003, 39.3233 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 54.2841, 55.6003, 39.3233 by changing the saturation by 10% instead.

 54.2841, 55.6003,
39.3233


 54.2841, 55.6003,
39.3233

393.3731,
408.1834, 358.7300

 39.0604, 39.8825,
26.7016


 95.6457, 98.4199,
75.3577

 26.9877, 27.4470,
17.1188


 122.5143,
126.2906, 99.6075

 17.7005, 17.9092,
10.1563


153.9953,
158.9810, 128.5704

 10.8336, 10.8848,
5.3958

190.4540,
196.8756, 162.6649

 6.0215, 5.9894,
2.4185

232.2558,
240.3588, 202.3095

 2.8989, 2.8387,
0.7965

279.7660,

 1.1005, 1.0481,

289.8149, 247.9229

0.0000

333.3500,
345.6283, 299.9236

■ 0.0256, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.2841, 55.6003,
39.3233

■ 54.2841, 55.6003,
39.3233

■ 50.6577, 51.0523,
29.7755

■ 58.3698, 60.5313,
50.6750

■ 47.4662, 46.8682,
21.9329

■ 62.9294, 65.8485,
63.9154

■ 44.6892, 43.0382,
15.6921

■ 67.9817, 71.5647,
79.1281

■ 42.3024, 39.5489,
10.9374

■ 73.5433, 77.6899,
96.3907

■ 40.2788, 36.3858,
7.5371

■ 77.8927, 83.5385,
106.6269

■ 38.5865, 33.5322,
5.3360

■ 80.5928, 88.9387,
107.5269

■ 37.1778, 30.9650,
4.0949

■ 83.0235, 93.8001,
108.3372

■ 37.0159, 30.6649,
3.9680

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



58.5197, 55.6003, 43.4338



54.2841, 55.6003, 39.3233



49.8897, 55.6003, 40.2449

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



54.2841, 55.6003, 39.3233



45.1807, 55.6003, 69.5868



59.7734, 55.6003, 77.6341

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



54.2841, 55.6003, 39.3233



43.2240, 45.6369, 73.5486

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



55.9177, 55.6003, 86.7152



54.2841, 55.6003, 39.3233



47.5522, 55.6003, 81.6326

Square

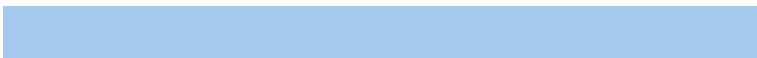
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



54.2841, 55.6003, 39.3233



44.7983, 55.6003, 56.5496



51.4343, 55.6003, 88.2737



61.8050, 55.6003, 64.7123

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54.2841, 55.6003, 39.3233



47.4495, 55.6003, 43.6465



51.4343, 55.6003, 88.2737



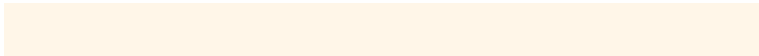
58.6378, 55.6003, 81.3096

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



54.2855, 55.6028, 39.3245



88.6257, 92.7152, 89.6059



49.5717, 42.2253, 49.9297



18.7589, 19.6022, 18.5583



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



54.2855, 55.6028, 39.3245



73.2165, 74.2369, 46.4265



58.9912, 67.3221, 41.3385



13.6884, 14.3162, 13.7674



22.0590, 18.4035, 2.3896



1.5132, 1.3606, 0.1829

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



43.2240, 45.6369, 73.5486



54.9796, 57.8121, 102.8689



39.4236, 36.4952, 71.9843



12.7778, 13.4953, 16.5835



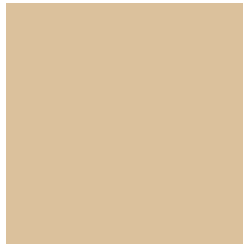
9.8699, 7.6092, 40.6869



0.7230, 0.6602, 2.6638

Previews

White Background



This preview shows how the XYZ color 54.2841, 55.6003, 39.3233 looks on a white background.

Color Contrast Check

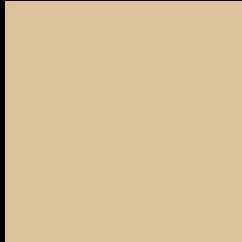
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 54.2841, 55.6003, 39.3233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

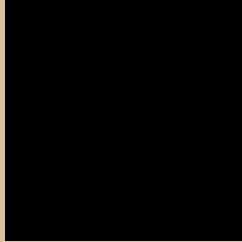
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.2841, 55.6003, 39.3233

Background



This preview shows how black text looks on a background with the XYZ color 54.2841, 55.6003, 39.3233.



This preview shows how white text looks on a background with the XYZ color 54.2841, 55.6003,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

54.2841, 55.6003, 39.3233

Protanopia

52.2060, 55.5038, 40.3095

Deuteranopia

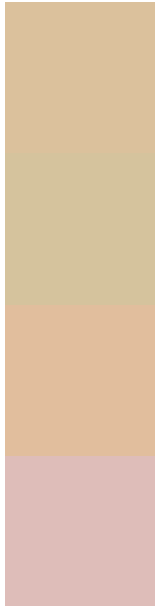
56.5965, 55.4875, 39.6255



Tritanopia

59.0534, 55.6050, 62.8787

Trichromacy



Original Color

54.2841, 55.6003, 39.3233

Protanomaly

53.0415, 55.6107, 39.8366

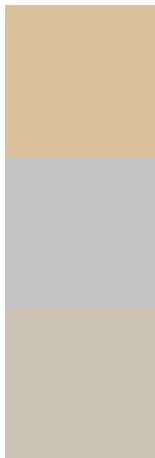
Deuteranomaly

55.5506, 55.2688, 39.6384

Tritanomaly

57.0788, 55.4276, 53.5892

Monochromacy



Original Color

54.2841, 55.6003, 39.3233

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.3603, 55.8364, 52.2211

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2841, 55.6003, 39.3233 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(219, 193, 156)` looks like.

```
.text, #text, p{  
    color:rgb(219, 193, 156)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(219, 193, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 193, 156) }
```

Border

The CSS property to change the border of an element to XYZ 54.2841, 55.6003, 39.3233 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(219, 193, 156) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(219, 193, 156) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(219, 193, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 193, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 193, 156);  
box-shadow:4px 4px 4px 4px rgb(219, 193,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2841, 55.6003, 39.3233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 193, 156) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(219,  
193, 156) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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